

An ethnobotanical study of traditional recipes used in the peripheral villages of the Ghurdauri region, Uttarakhand, India

Manvi Rawat & Mamta Baunthiyal*

Department of Biotechnology G.B. Pant Engineering College, Ghurdauri, Pauri, Garhwal 246 194, Uttarakhand, India

*E-mail: mamtabaunthiyal@yahoo.co.in

Received 21 March 2026; revised 09 August 2026; accepted 14 August 2026

Supplementary Data

Supplementary Table S1 — List of peripheral villages surveyed in the Ghurdauri region, Uttarakhand, India, along with geographic details taken from Google Earth source

S. No.	Village Name	Latitude (°N)	Longitude (°E)	Altitude (m)
1	Balmana	30.17683	78.67599	1383
2	Bhadala	30.18042	78.68592	1546
3	Baita	30.18044	78.70333	1552
4	Dandapani	30.16752	78.69367	1564
5	Dhungi	30.19046	78.67366	1325
6	Jamala	30.18715	78.67661	1478
7	Kharet Malla	30.17390	78.69304	1475
8	Minthi	30.18842	78.68739	1598
9	Muli	30.18453	78.67775	1308
10	Pisoli	30.18722	78.71046	1363

Supplementary Table S2 — One-way ANOVA to test the influence of the categories of plant life-forms on the mean RFC of edible plant species in Ghurdauri region, Uttarakhand, India

	df	SS	MS	F	Significance F
Regression	1	1.13363416	1.13363416	0.27706436	0.62646764
Residual	4	16.3663658	4.09159146		
Total	5	17.5			

Supplementary Table S3 — Linear regression analyses to explain the correlation between plant life-form codes and the mean RFC of edible plant species in the Ghurdauri region, Uttarakhand, India

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	6.28166976	3.48410777	1.80294933	0.14573743	-3.3917642	15.9551037	-3.3917642	15.9551037
0.3	-3.0826218	5.85638895	-0.526369	0.62646764	-19.342564	13.1773207	-19.342564	13.1773207

Supplementary Table S4 — One-way ANOVA was used to test the influence of the categories of season on the mean RFC of edible plant species in Ghurdauri region, Uttarakhand, India

	df	SS	MS	F	Significance F
Regression	1	0.10344331	0.10344331	4.95647169	0.06760796
Residual	6	0.12522212	0.02087035		
Total	7	0.22866543			

Supplementary Table S5 — Linear regression analyses also explained the correlation between season codes and the mean RFC of edible plant species in the Ghurdauri region, Uttarakhand, India

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	0.91873512	0.13281723	6.91728853	0.00045166	0.59374306	1.24372718	0.59374306	1.24372718
1	-0.049628	0.02229155	-2.2263135	0.06760796	-0.1041734	0.00491748	-0.1041734	0.00491748